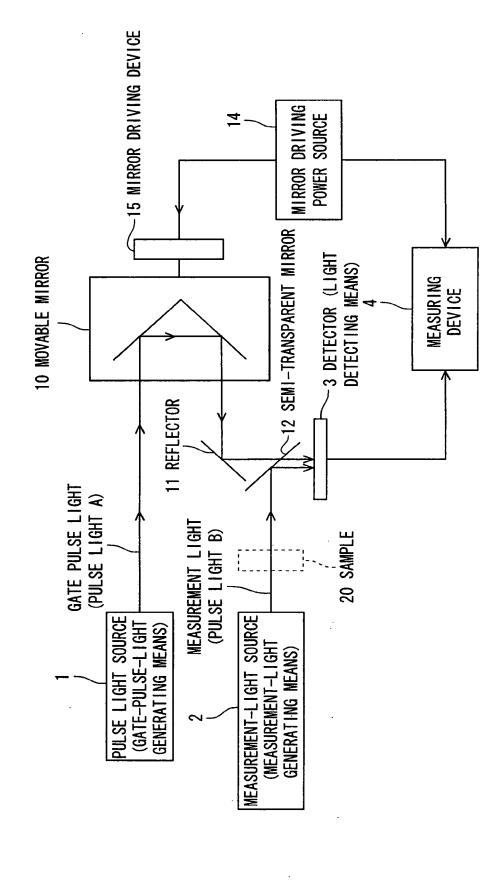
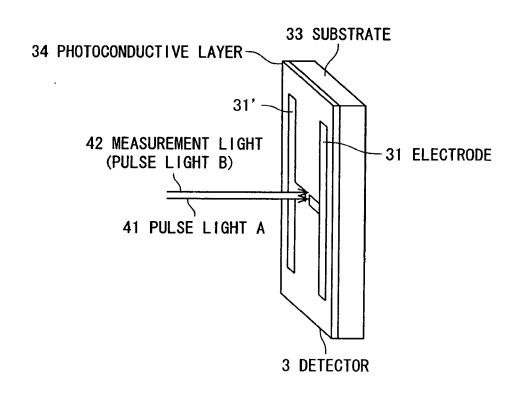
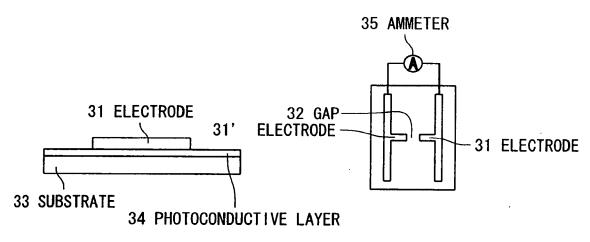
FIRST EMBODIMENT OF THE INVENTION

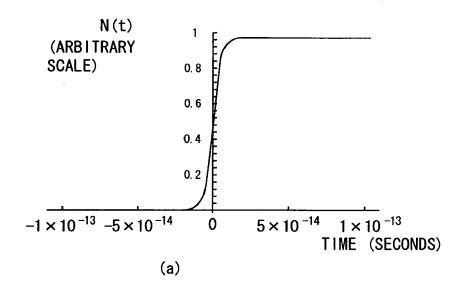


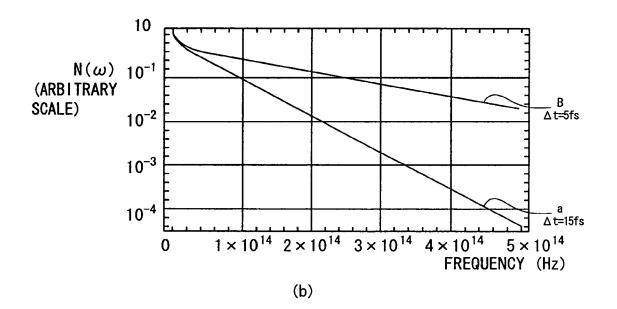
EMBODIMENT OF DETECTOR OF THE INVENTION

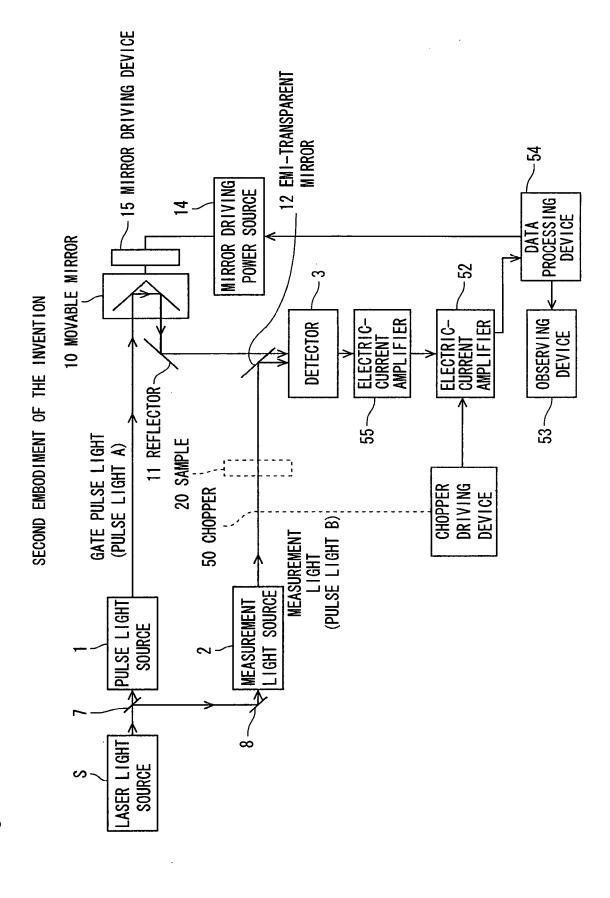




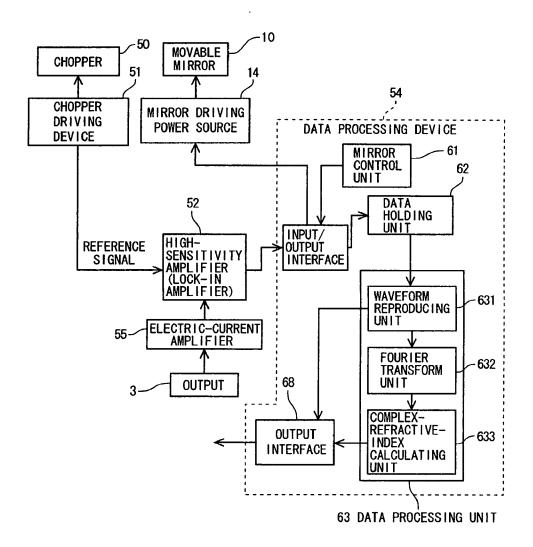
EXPLANATION VIEW OF PULSE WIDTH OF GATE PULSE LIGHT FOR REALIZING T







SYSTEM CONFIGURATION ACCORDING TO SECOND EMBODIMENT OF THE INVENTION



CONFIGURATION OF DATA PROCESSING DEVICE ACCORDING TO SECOND 54 EMBODIMENT OF THE INVENTION 621 DATA HOLDING UNIT A A₁ t1 61 A 2 t2 MIRROR CONTROL UNIT TO MIRROR DRIVING POWER SOURCE 67 REFERENCE SIGNALtм Ам 52 HIGH-INPUT/ SENSITIVITY OUTPUT AMPLIFIER (LOCK-IN DETECTOR -> INTERFACE АΝ tΝ AMPLIFIER) 622 DATA HOLDING UNIT B 631 tı' A 1 68 WAVEFORM REPRODUCING UNIT

640

641

FFT

OUTPUT INTERFACE

OUTPUT ←

 $E_0(\omega)$ HOLDING UNIT 642 COMPLEX-REFRACTIVEtn' AΝ INDEX E(ω) HOLDING UNIT CALCULATING UNIT 633 63 DATA PROCESSING UNIT

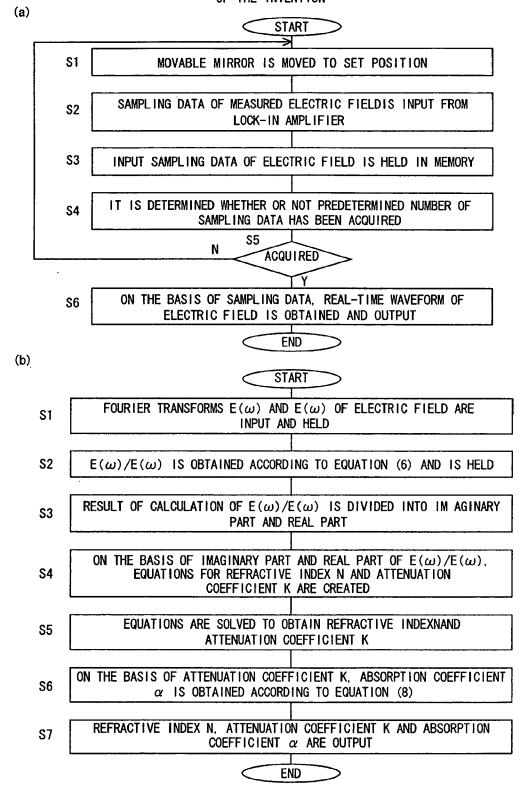
A 2

Ам

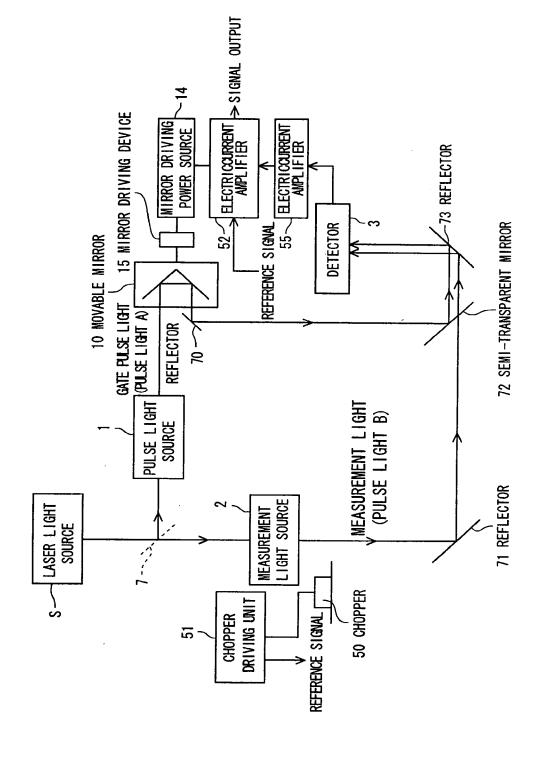
t2'

tw.

FLOW CHART IN DATA PROCESSING DEVICE ACCORDING TO SECOND EMBODIMENT OF THE INVENTION



THIRD EMBODIMENT OF THE INVENTION



FOURTH EMBODIMENT OF THE INVENTION FIRST METHOD FOR PERFORMING MEASUREMENT FOR PLURAL OPTICAL—PATH DIFFERENCES THROUGH SINGLE IRRADIATION OF GATE PULSE LIGHT

(a) 10 MOVABLE MIRROR -15 MIRROR DRIVINGDEVICE MIRROR DRIVING POWER SOURCE 11 REFLECTOR-3 OUTPUT 54 AMPLIFIER 81 d1. 92 82 AMPLIFIER 2 **MEASUREMENT** d₂ DATA 83 LIGHT PROCE-- 93 dз SSING **AMPLIFIER** DEVICE AMPLIFIER

> REFERENCE SIGNAL

(b)

101 ELECTRODE

102

103

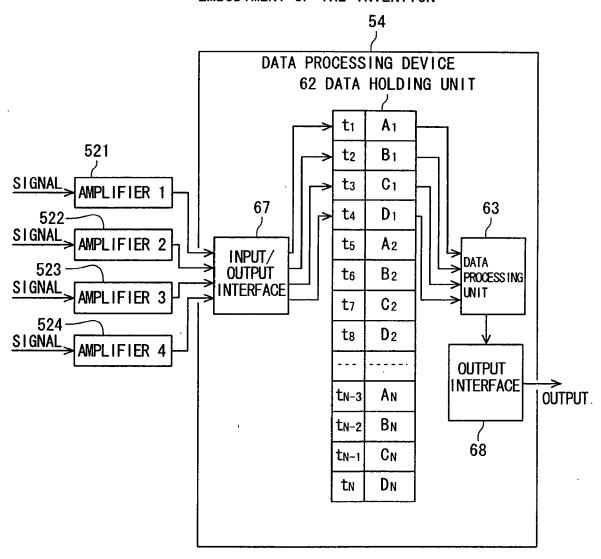
104

104

104

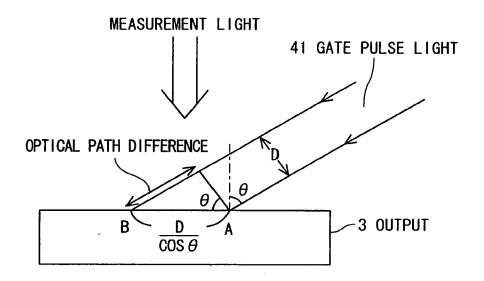
3 OUTPUT

CONFIGURATION OF DATA PROCESSING DEVICE ACCORDING TO FOURTH EMBODIMENT OF THE INVENTION

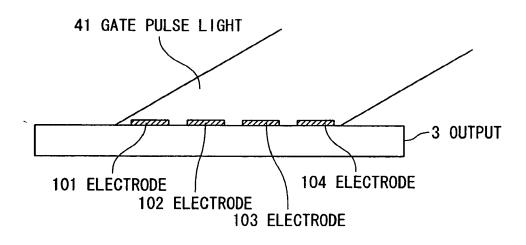


FOURTH EMBODIMENT (SECOND METHOD FOR PERFORMING MEASUREMENT FOR PLURAL OPTICAL-PATH DIFFERENCES THROUGH SINGLE IRRADIATION OF GATE PULSE)

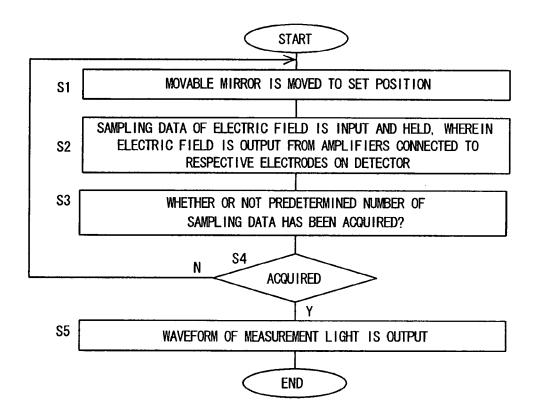
(a)



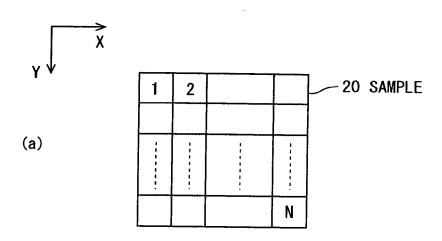
(b)

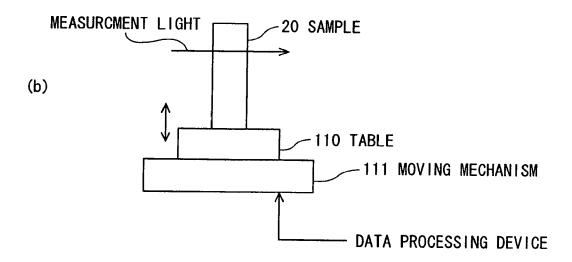


FLOW CHART IN DATA PROCESSING DEVICE ACCORDING TO FOURTH EMBODIMENT OF THE INVENTION

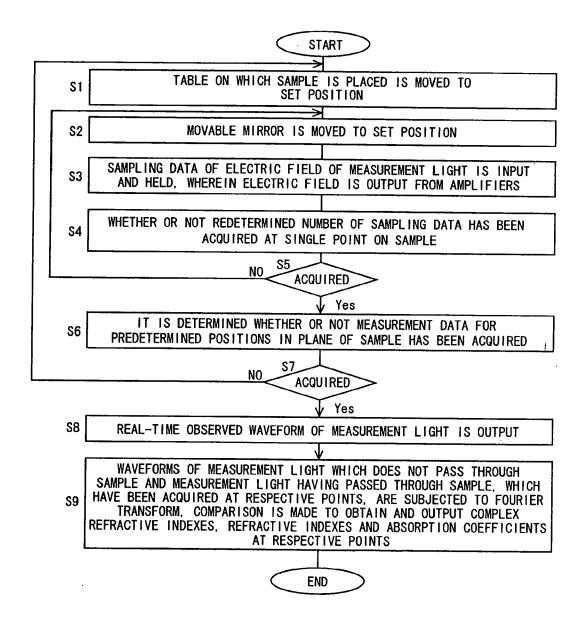


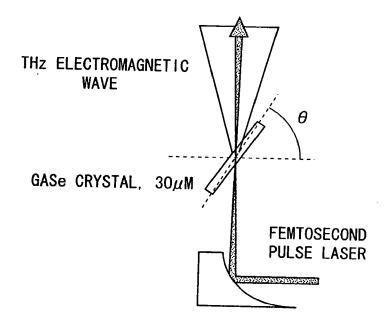
FIFTH EMBODIMENT





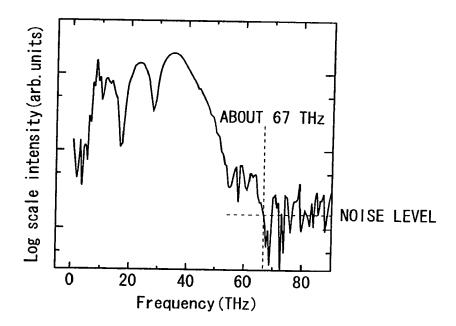
FLOW CHART IN DATA PROCESSING DEVICE ACCORDING TO FIFTH EMBODIMENT OF THE INVENTION





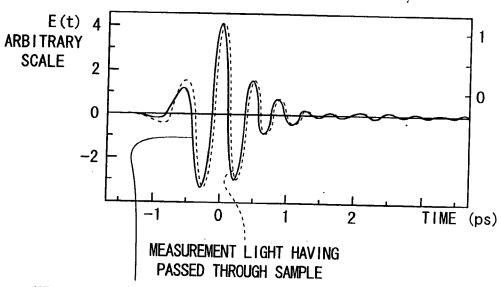
DIRECTION OF POLARIZATION OF PULSE LIGHT

OPTICAL TABLE



PRIOR ART

EXPLANATION VIEW OF MEANS FOR SOLVING PROBLEMS



MEASUREMENT LIGHT WHICH DOES NOT PASS THROUGH SAMPLE